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PTO/SB/21 (09-04) 2006. OMB 0651-0031	1FW

	Application Numb	er 10/563,655		
PRANSMITTAL	Filing Date	January 5, 2006		
JUN 1 9 2006 ORM	First Named Inven	tor J. Christopher Anderson		
(sobe used for all correspondence after initial filing)	Group Art Unit	1652		
TRADEMARKE	Examiner Name	Unassigned		
Total Number of Pages in This Submission 8	Attorney Docket Nu	mber 54A-000410US		
ENCL	OSURES (check all tha	at apply)		
Fee Transmittal Form X Pow	er of Attorney	After Allowance Communication to Group		
Fee Attached X State	ement 3.73(b)	Appeal Communication to Board of Appeals and Interferences		
	y of Assignment – Not fo ordation	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final Petiti	on Routing Slip (PTO/SB/ Accompanying Petition	Proprietary Information		
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Extension of Time Request  Extension of Time Request  Addr	er of Attorney, Revocation ge of Correspondence less	Additional Enclosure(s) (please identify below):		
Express Abandonment Request Term	inal Disclaimer	receipt acknowledgment postcard		
Information Disclosure Statement	Entity Statement			
Certified Copy of Priority Document(s)  Authorizatio Please charge	n to Charge Deposit Acce Deposit Account No. 50-	0893 for any additional fees associated with		
this paper or	during the pendency of this tion of the documents enclo	s application, including any extensions of time		
Response to Missing Parts under 37 CFR				
1.52 or 1.53				
SIGNATURE OF APP	LICANT, ATTORNEY,	OR AGENT		
Firm or Individual name  Edward J. DesJardins, Ph.D., Reg. No. 51,162, Quine Intellectual Property Law Group P.C.				
Signature E.O. Ous				
Date June 15, 2006				
CERTIFICATE OF MAILING				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO via fax no. 703-306-5995 or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.				
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Signature Pall Bene 1		Date   June 15, 2006		
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Deborah Berwick, QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

Attorney Docket No. 54A-000410US TSRI Reference No.: 1000.2 US / AMB0098P

Ambrx Ref. No. 0055.00US

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Unassigned

SUBMISSION OF POWER OF

ADDRESS INDICATION FORM

ATTORNEY AND CORRESPONDENCE

Art Unit: 1652

In re application of:

J. Christopher Anderson and Peter G. Schultz

Application No.: 10/563,655

Filed: January 5, 2006

For: COMPOSITIONS OF ORTHOGONAL LEUCYL-TRNA AND AMINOACYL-TRNA

SYNTHETASE PAIRS AND USES THEREOF

Commissioner for Patents P. O. Box 1450

Alexandria, VA 22313-1450

Sir:

Please make of record the following enclosed documents regarding the aboveidentified application:

- Power of Attorney and Correspondence Address Indication Form; 1)
- Statement Under 37 CFR 3.73(b); and, 2)
- Copy of Assignment document-not for recordation. 3)

QUINE INTELLECTUAL PROPERTY LAW GROUP

P.O. BOX 458, Alameda, CA 94501

Tel: 510 337-7871 Fax: 510 337-7877

PTO Customer No.: 22798 Deposit Account No.: 50-0893 Respectfully submitted,

Edward J. DesJardins Ph.D.

Reg. No: 51,162

EJD:db

POWER OF ATTORNEY
and
and
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application Number

Application Number

10/563-655 First Named Inventor J. Christopher Anderson COMPOSITIONS OF ORTHOGONAL LEUCYL-TRNA AND AMINOACYL-TRNA SYNTHETASE PAIRS AND USES THEREOF Title Art Unit Unassigned **Examiner Name** Unassigned

	Attor	ney Docket Num	ber	54A-000410US
I hereby appoint:				
Practitioners associated with the Customer Number:		<b>22798</b>		
Practitioner(s) named below:	PA	TENT TRADEHARK OFFICE		
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Country United States Telephone (510) 337-7871		Fax	(510)	337-7877
l <u>am</u> the:			(010)	
Applicant/Inventor.				
X Assignee of record of the entire interest. See 37 CFR 3.71.				
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)  SIGNATURE of Applicant or Assignee of Record				
Name Thomas Fitting				
Signature Alronn 1-30	<del>\</del>			
Date June 12, 2006 Telephone (858) 784-2937				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.				
*Total of forms are submitted.				
CERTIF	ICATE	OF MAILING	3	
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Signature	Pehl Bereif	Date	June 15,2006		



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<u>Un</u>	oer ine Papei	work Heduct	STATEN	AENT UND	DER 37 CFR 3.73	(b)	Carro Humber.
Ap	oplicant:	J. (	Christopher A	Anderson an	d Peter G. Schultz		
Αŗ	oplication	n No.:	10/563,655		Filed:	January 5,	2006
Er	Entitled: COMPOSITIONS OF ORTHOGONAL LEUCYL-TRNA AND AMINOACYL- TRNA SYNTHETASE PAIRS AND USES THEREOF						
Th	The Scripps Research Institute , a corporation						
		(Name of Ass	ignee)	(Туре с	of Assignee, e.g., corporation, part	nership, university, govern	nment agency, etc.)
states	s that it i	s:					
1.	x th	ne assig	nee of the enti	ire right, title,	and interest; or		
2.	a	n assigr	nee of an undiv	vided part into	erest		
in the	patent a	applicati	on identified a	bove by virtu	e of either:		
A. [X] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.							
OR							
B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:							
1	. From	:			To:		
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2	. From	:			To:		
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3	. From	•			То:		
	The o	docume	nt was recorde Frame	d in the Pate , or for which	nt and Trademark O n a copy thereof is at	ffice at tached.	
[ ] Additional documents in the chain of title are listed on a supplemental sheet							
[X ]C	Copies of	fassign	ments or other	documents	n the chain of title ar	e attached.	
	undersig ssignee.		ose title is sup	plied below)	is empowered to sig	n this statemen	t on behalf of
			0006		The same	n de	
	<u>J.ur</u>	ne 12,	2006 Date	·	Signat	ture	_ <del>_</del>
					Thomas	Fitting	
					Typed or prir		_ <del>_</del>
					Chief Paten		
					_Title	e	

Attorney Docket No.: 54A-000410US TSRI Reference No.: 1000.2 US / AMB0098P

### ASSIGNMENT OF PATENT APPLICATION

JOINT .

WHEREAS, J. Christopher Anderson, of 124 Mason Street, Apt. 401, San Francisco, California 94102 and Peter G. Schultz of 1650 La Jolla Ranch Road, La Jolla, California 92037, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

COMPOSITIONS OF ORTHOGONAL

LEUCYL-TRNA AND AMINOACYL-TRNA SYNTHETASE PAIRS AND

**USES THEREOF** 

Filing Date:

January 5, 2006

Application No.:

10/563.655

: and

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREC	F, Assignors have signed his/her name on the date indicated.
Dated: 6/7/06	J. Christopher Anderson
SIGNATURE WITNESSED BY:  (1) Date: 6/8/2076	Signature of Witness
Dated:	Peter G. Schultz
SIGNATURE WITNESSED BY:	
(1) Date:	Signature of Witness

Assignment Application No.: 10/563,655 Page 2

Attorney Docket No.: 54A-000410US TSRI Reference No.: 1000.2 US / AMB0098P

#### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, J. Christopher Anderson, of 124 Mason Street, Apt. 401, San Francisco, California 94102 and Peter G. Schultz of 1650 La Jolla Ranch Road, La Jolla, California 92037, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPOSITIONS OF ORTHOGONAL

LEUCYL-TRNA AND AMINOACYL-TRNA SYNTHETASE PAIRS AND

**USES THEREOF** 

Filing Date: January 5, 2006

Application No.: 10/563,655 ;

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated:

J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date:

Signature of Witness

Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date:

3 30 06

Clauder Dated:

Assignment Application No.: 10/563,655

Page 2